

FUTURE OF THE INTERSTATE HIGHWAY SYSTEM

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Lessons from the Beginnings

- Conceptual Development - Bi-Vision
 - Intercity Freeways to Connect Nation
 - Urban Expressways as key to urban revitalization
- Designation of IHS – 1947
 - Connect Principal Metropolitan Areas
 - Serve the National Defense
 - Connect Suitable Border Points
 - [No Mention of Urban Revitalization]
- Issues Noted with Funding Mechanism – 1955
 - Safety; Rough Roads Cost to Transportation;
 - Quick Evacuation & Defense Mobilization; Traffic Jams

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Unforeseen Issues/Developments

- IHS had unexpected consequences
- Concurrent Developments
 - Post World War boom
 - Sub-urbanization
 - Consumer society arose
 - One Market, One Country, Globalization of Trade
- Costs
 - Highway fatalities
 - Traffic congestion
 - Environmental impacts

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Futures: Visible Factors, Unclear Implications

Two New Modes in Last Century:

- The Automobile
- The Airplane

Next 100 Years

- A Plateau or
- Yet Another Mode of Transportation?

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Futures: Visible Factors, Unclear Implications

- Factors shaping the future
 - Physical limits of growth (mega-cities merging?)
 - Edge Cities & Beltways (not real cities)
 - Human scale community
 - Information Age
 - Internet Businesses
 - Service Economy Rather than Manufacturing
 - NIMBY
- Real Issues:
 - Not Interstate Highways, but Interstate Travel.
 - Mobility and Access versus Quality of Life

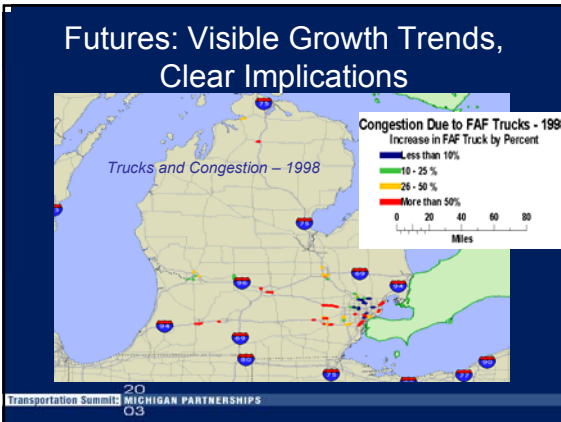
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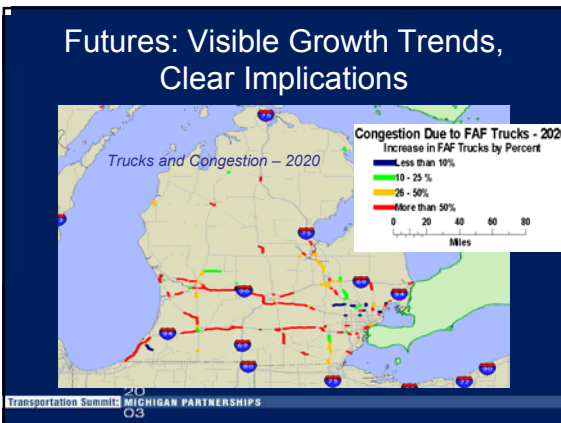
Futures: Michigan and the USA



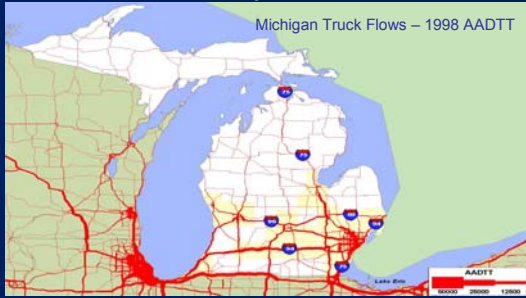
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Futures: Visible Growth Trends, Clear Implications



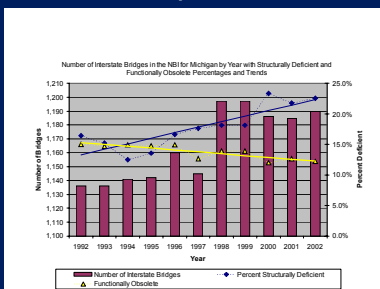
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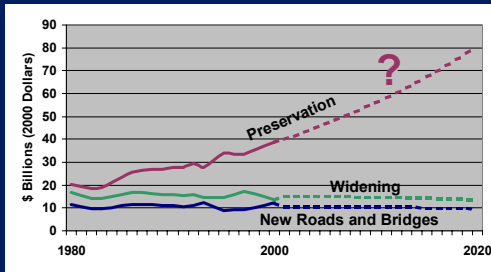
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Infrastructure Needs



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Future Possible Views:

Conservative View

- Congested beyond belief
- No build no where
- “Stuck in traffic”

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Future Possible Views:

Optimistic View

- Dedicated Truck Lanes
- Public Private Partnerships
 - California experiences
 - Virginia I-81
- Double Decking in Urban Areas
- Automated Highways

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Future Possible Views:

Creative View

- Context Sensitive Solutions
- Transportation Corridors – multimodal
- Dual Vision: Intercity and Urban Definitions
- Reconsideration of the Purpose & Divergent Values
- Community Re-Assessment

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Therefore – Infrastructure Owners

- Keep Options Open
- Maintain Function and Purpose
- Use Asset Management Principles
 - ➔ Maximize the Investment
 - Preserve the Existing Infrastructure
 - Operate the System as a Resource
 - Build or Add Needed Capacity

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Therefore – Community Leaders

- Engage the Communities and Stakeholders
- Balance Competing Values & Objectives
- Manage Investments Strategically
- Envision Utah
 - ➔ Michigan Transportation Summit
 - ➔ ENVISION AMERICA

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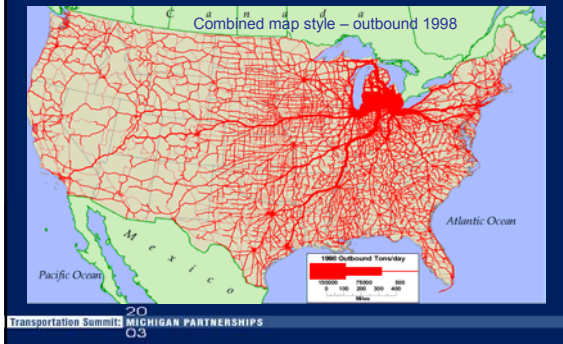
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